

**AMENDMENT**

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows:

**IN THE SPECIFICATION:**

Kindly amend the specification, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows:

Please delete the paragraph on page 16, lines 17-18, and replace it with the following paragraph:

FIG. 1 is a schematic representing the use of uracil DNA *N*-glycosylase to detect a DNA-binding protein **(SEQ ID NOS 6, 6, and 7-8 on the left, respectively in order of appearance and SEQ ID NO: 6 on the right).**

Please delete the paragraph on page 49, line 14, to page 50, line 11, and replace it with the following paragraph:

Four different 38 bp DNA fragments were synthesized containing the DNA-binding sequence for the DNA-binding protein AP-2. The first DNA fragment was prepared as normal DNA (indicated as AP2). The second DNA fragment was prepared with uracil incorporated in place of thymine in one location in the AP-2 binding site on one strand of the DNA fragment (AuP2), the third DNA fragment was prepared with uracil incorporated in place of thymine in one location in the AP-2 binding site on the alternate strand of the DNA fragment (APu2). The fourth DNA fragment was prepared with uracil incorporated in place of thymine in one location in the AP-2 binding site on both strands of the DNA fragment (indicated as AuPu2). The sequences are as follows:

**AP2:**

5' AAGCTTGATCGAACTGACCGCCCGCGGCCCGTGGATCC 3' **(SEQ ID NO: 1)**  
3' TTCGAACTAGCTTGACTGGCGGGCGCCGGGCACCTAGG 5' **(SEQ ID NO: 2)**

AuP2:

5' AAGCUUGAUCGAACUGACCGCCCGCGGCCCGUGGAUCC 3' (SEQ ID NO: 3)  
3' TTCGAACTAGCTTGACUGGCGGGCGCCGGGCACCTAGG 5' (SEQ ID NO: 4)

APu2:

5' AAGCTTGATCGAACTGACCGCCCGCGGCCCGTGGATCC 3' (SEQ ID NO: 1)  
3' UUCGAACUAGCUUGACUGGCGGGCGCCGGGCACCUAGG 5' (SEQ ID NO: 5)

AuPu2:

5' AAGCUUGAUCGAACUGACCGCCCGCGGCCCGUGGAUCC 3' (SEQ ID NO: 3)  
3' UUCGAACUAGCUUGACUGGCGGGCGCCGGGCACCUAGG 5' (SEQ ID NO: 5)